

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Seiji AKITA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_0598A  
Filed April 20, 2006 :  
  
NANOSIZE HEATER-MOUNTED NOZZLE  
AND METHOD FOR MANUFACTURING  
SAME AND METHOD FOR FORMING  
MICRO THIN FILM  
[Corresponding to PCT/JP2004/015598  
Filed October 21, 2004]

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

---

**COVER LETTER FOR APPLICATION FILED**  
**WITHOUT EXECUTED DECLARATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The above-identified application has been submitted without an executed oath or declaration.

It is respectfully requested that this application be assigned a serial number and awarded a filing date.

A duly executed oath or declaration pursuant to 37 CFR 1.63 will be submitted after notification by the U.S. Patent and Trademark Office.

A non-executed copy of the Declaration and Power of Attorney, containing the inventorship information, is attached. It is respectfully requested that all communications be directed to the firm indicated on the attached Declaration and Power of Attorney, namely:

ATTACHMENT F }

WENDEROTH, LIND & PONACK, L.L.P.


2033 K Street, N.W., Suite 800

Washington, D.C. 20006-1021

The required U.S. Patent and Trademark Office Filing Fee is submitted herewith.

Respectfully submitted,

Seiji AKITA et al.

By 

Charles R. Watts

Registration No. 33,142

Attorney for Applicants

CRW/kg

Washington, D.C. 20006-1021

Telephone (202) 721-8200

Facsimile (202) 721-8250

April 20, 2006

## DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

☐ Original   ☐ Supplemental   ☐ Substitute   ☒ PCT   ☐ DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: NANOSIZE HEATER-MOUNTED NOZZLE AND METHOD FOR MANUFACTURING SAME AND METHOD FOR FORMING MICRO THIN FILM

of which is described and claimed in:

☐ the attached specification, or

☐ the specification in application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and with amendments through \_\_\_\_\_, or

☒ the specification in International Application No. PCT/JP2004/015598, filed October 21, 2004, and as amended on April 20, 2006 (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	2003-362072	October 22, 2003	YES
Japan	2004-215944	July 23, 2004	YES

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; Michael S. Huppert, Reg. No. 40,268; Jeffrey R. Filipek, Reg. No. 41,471; and Douglas W. Hahm, Reg. No. 44,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S.

Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from AOYAMA & PARTNERS as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to:		Direct Telephone Calls to:	
CUSTOMER NO. <b>000513</b>		WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021  Phone: (202) 721-8200 Fax: (202) 721-8250	
Full Name of First Inventor	FAMILY NAME <b>AKITA</b>	FIRST GIVEN NAME <b>Seiji</b>	SECOND GIVEN NAME
Residence & Citizenship	CITY <b>Izumi-shi</b>	STATE OR COUNTRY <b>Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
Post Office Address	ADDRESS <b>1248-4, Ikedashimo-cho, Izumi-shi, Osaka</b>	CITY <b>594-0032</b>	STATE OR COUNTRY <b>Japan</b>
Full Name of Second Inventor	FAMILY NAME <b>NAKAYAMA</b>	FIRST GIVEN NAME <b>Yoshikazu</b>	SECOND GIVEN NAME
Residence & Citizenship	CITY <b>Hirakata-shi</b>	STATE OR COUNTRY <b>Japan</b>	COUNTRY OF CITIZENSHIP <b>Japan</b>
Post Office Address	ADDRESS <b>9-404, 1-14-2, Kourigaoka, Hirakata-shi, Osaka</b>	CITY <b>573-0084</b>	STATE OR COUNTRY <b>Japan</b>
Full Name of Third Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Fourth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Fifth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP

<b>Post Office Address</b>	<b>ADDRESS</b>	<b>CITY</b>	<b>STATE OR COUNTRY</b>	<b>ZIP CODE</b>
<b>Full Name of Sixth Inventor</b>	<b>FAMILY NAME</b>	<b>FIRST GIVEN NAME</b>	<b>SECOND GIVEN NAME</b>	
<b>Residence &amp; Citizenship</b>	<b>CITY</b>	<b>STATE OR COUNTRY</b>	<b>COUNTRY OF CITIZENSHIP</b>	
<b>Post Office Address</b>	<b>ADDRESS</b>	<b>CITY</b>	<b>STATE OR COUNTRY</b>	<b>ZIP CODE</b>

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor \_\_\_\_\_ Date \_\_\_\_\_  
                   Seiji AKITA  
 2nd Inventor \_\_\_\_\_ Date \_\_\_\_\_  
                   Yoshikazu NAKAYAMA  
 3rd Inventor \_\_\_\_\_ Date \_\_\_\_\_  
 4th Inventor \_\_\_\_\_ Date \_\_\_\_\_  
 5th Inventor \_\_\_\_\_ Date \_\_\_\_\_  
 6th Inventor \_\_\_\_\_ Date \_\_\_\_\_

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date April 20, 2006

Applicant Reference Number 546907 Atty Docket No. 2006 0598A

Title of Invention NANOSIZE HEATER-MOUNTED NOZZLE AND METHOD FOR MANUFACTURING SAME AND METHOD FOR FORMING MICRO THIN FILM